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AZ CORP COMMISSION
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IN THE MATTER OF THE CORPORATION COMMISSION BIENNIAL TRANSMISSION ASSESSMENT	)	Docket No. E-00000D-05-0040

PLEASE TAKE NOTICE THAT Solarmission Technologies Inc., hereby files the attached comments to be incorporated into the next cycle of the Arizona Corporation Commission Biennial Transmission Assessment .

LAW OFFICES OF DOUGLAS V. FANT

By: Douglas V. Fant

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Solarmission Technologies, Inc.
Arizona Corporation Commission
Biennial Transmission Assessment
Docket No. E-00000D-05-0040
Annual Ten Year Plan Submittal
February 8, 2007

Pursuant to A.R.S. 40 -360.02, Solarmission Technologies Inc. (Solarmission) submits the following information for the Arizona Corporation Commission's (Commission) use in developing the next iteration of the Commission's Biennial Transmission Assessment of the State of Arizona's electric transmission system. Solarmission holds the rights to development of the solar tower technology, a large-scale renewable wind-solar energy generation power station.

1. Plant Location and Size and Proposed Route of Transmission Lines. Solarmission proposes to construct an initial tower at a site located in La Paz County, south of Parker, Arizona. The location of interconnection(s) for the plant into the transmission system has not been selected. However the most likely sites of interconnection would involve constructing a short transmission line with an interconnection into the Parker substation or an interconnection into the Western Area Power Administration Gila-Parker 169 kv line.

The initial plan for construction involves a single 200 MW tower. However the site would accommodate construction of additional similar capacity towers as the initial tower. As capacity grows on the site, then another possible interconnection option would be to interconnect with the Devers-Palo Verde 500 kv Transmission Line, south of the plant site and south of Interstate 10 highway.

2. Plant and/or Transmission Line Purpose. The purpose of the solar tower is to generate clean renewable energy with capacity, hopefully making the solar tower an effective base-load renewable generation facility in the State's generation fleet. Solarmission has

no intent or desire to enter the electric transmission market. For that reason the purpose of any accompanying transmission line or substation would be to interconnect the plant to the existing transmission system in western Arizona.

3. Estimated Date of Operation. The estimated date of operation of the initial solar tower would be in Fall 2010.

4. Average and Maximum Power Output. Solarmission anticipates that the average and maximum annual energy output per solar tower would be 150 megawatt hours on an average basis and 200 megawatts hour on a maximum basis.

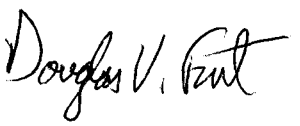
5. Capacity Factor. The estimated (anticipated?) capacity factor per solar tower may vary from 55% to 80% annually. The ultimate capacity configuration utilized will be tied into the demands of the utility customers. That is, whether the utility customers seek only peaking power or prefer a base load plant configuration will impact design and capacity of the facility.

6. Type of Fuel. The solar tower will not rely upon any fuel source.

7. Power Flow and Stability Analysis Report. "The plans for any new facilities shall include a power flow and stability analysis report showing the effect on the current Arizona electric transmission system". A.R.S. 40-360.02(C)(7). A point of interconnection for the plant has not yet been selected. Therefore no interconnection studies have been conducted. Solarmission shall work with its eventual transmission interconnect provider and provide those documents to the Commission promptly when available.

Solarmission will be glad to provide additional information about the solar tower project that the Commission requests as the Commission develops its next Biennial Transmission Assessment of the State of Arizona transmission system.

Sincerely,



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